1. (Currently amended) A compound novel pyrrolo[2,1-c][1,4]benzodiazepine of formula IX

IX

where n is 3 to 10.

2. (Currently amended) A <u>compound novel pyrrolobenzodiazepine</u> as claimed in claim 1 of the structure

5. (Currently amended) A <u>compound</u> novel pyrrolobenzodiazepine as claimed in claim 1 of the structure

7. (Currently amended) A <u>compound</u> novel pyrrolobenzodiazepine as claimed in claim 1 of the structure

9. (Currently amended) A <u>compound</u> novel pyrrolobenzodiazepine A novel pyrrolobenzodiazepine as claimed in claim 1 of the structure

10. (Currently amended) A process for the preparation of a compound bis 2-fluoro pyrrolo[2,1-c][1,4]benzo-diazepines of formula IX

$$\begin{array}{c|c} & & & \\ &$$

where n is 3 to 10, which comprises:

- (a) reacting methyl (2S)-N-[4-benzyloxy-5methoxy-2-nitrobenzoyl]-4-hydroxypyrrolidine2-carboxylate dissolved in an organic solvent,
- (b) cooling the solution and adding a solution of diethylaminosulfurtrifluoride (DAST) in an organic solvent drop wise;

- (c) isolating the methyl (2S)-N-[4-benzyloxy-5-methoxy-2-nitrobenzoyl]-4-fluoropyrrolidine-2-carbo xylate with DIBAL-H formed in the presence of an organic solvent and cooling;
- (d) isolating methyl (2S)-N-[4-benzyloxy-5-methoxy-2-nitrobenzoy 1]-4-fluoropyrrolidine-2-carboxaldehyde formed;
- (e) protecting methyl (2S)-N-[4-benzyloxy-5-methoxy-2-nitrobenzoyl]-4-fluoropyrrolidine-2-carboxaldehyde with EtSH in presence of an organic solvent;
- (f) isolating (2S)-N-[4-benzyloxy-5-methoxy-2-nitrobenzoyl]-4-fluoropyrrolidine2-carbox-aldehyde diethylthioacetal;
- (g) reacting the (2S)-N-[4-benzyloxy-5-methoxy-2-nitrobenzoyl]-4-fluoropyrrolidine-2-carboxaldehyde diethylthioacetal with a debenzylating agent to obtain (2S)-N-[4-hydroxy-5-methoxy-2-nitrobenzoyl]-4-fluoropyrrolidine-2-carboxaldehyde-diethylthioacetal of formula VI,

Formula VI

(h) reacting (2S)-N-[4-hydroxy-5-methoxy-2-nitrobenzoyl]-4-fluoro- 2-carboxaldehyde diethylthioacetal of formula VI with a dibromoalkane in an aprotic water miscible organic solvent and in the presence of a mild inorganic base up to refluxing temperature and isolating 1,1'{[(alkane-1,N-diyl)dioxy}bis[(2-nitro-5-methoxy-1,4-phenylene)carbonyl]bis [4-fluoropyrrolidin-2-carboxaldehyde diethylthioacetal] of formula VII where n is 3-10

Formula VII

(i) reducing the compound of formula VII with SnCl₂.2H₂O in presence of organic solvent up to a reflux temperature and isolating 1,1'-{[(alkane-1,N-diyl)dioxy}bis[(2-amino-5-methoxy-1,4-phenylene)carbonyl]]bis[4-fluoro-pyrrolidin-2-carboxaldehyde diethylthioacetal]] of formula VIII where n is 3-10

<u>; and</u>

Formula VIII

- (j) reacting the compound of formula VIII with a deprotecting agent to obtain bis 2-fluoro pyrrolo[2,1-c][1,4]benzodiazepines of formula IX wherein n is as stated defined above.
- 11. (Original) A process as claimed in claim 10 wherein the organic solvent used in steps (a), (b) and (c) comprises CH₂Cl₂.
- 12. (Original) A process as claimed in claim 10 wherein in step (a) the solution is cooled to a temperature of -78° C.
- 13. (Original) A process as claimed in claim 10 wherein the drop wise addition in step (b) is carried out for a period of 40 min.
- 14. (Original) A process as claimed in claim 10 wherein step (c) is carried out 15 hours of step (b).
- 15. (Original) A process as claimed in claim 10 wherein the cooling in step (c) is done to a temperature of -78° C and for a period of 45 minutes.

- 16. (Original) A process as claimed in claim 10 wherein step (e) is carried out in presence of an organic solvent and at room temperature.
- 17. (Original) A process as claimed in claim 10 wherein the the (2S)-N-[4-hydroxy-5-methoxy-2-nitrobenzoyl]4-fluoro-2-carboxaldehyde diethylthioacetal of formula VI is reacted with a dibromoalkane in an aprotic water miscible organic solvent selected from the group consisting of acetone, acetonitrile and DMF and in the presence of a mild inorganic base selected from the group consisting of K₂CO₃, CsCO₃ and BaCO₃.
- 18. (Original) A process as claimed in claim 10 wherein step (h) is carried out for a period of about 48 hours.
- 19. (Original) A process as claimed in claim 10 wherein the reduction in step (i) is carried out in the presence of an organic solvent comprising methanol.
- 20. (Original) A process as claimed in claim 10 wherein the deprotecting agent comprises a combination of HgCl₂ and HgO in CH₃CN/H₂O.
- 21. (Currently amended) A process for the preparation of <u>a compound</u> bis 2-fluoro pyrrolo[2,1-c][1,4]benzo-diazepines of formula IX

Formula IX

where n is 3 to 10, which comprises:

(a) (2S)-N-4-hydroxy-5-methoxy-2-nitrobenzoyl]-4-fluoropyrrolidine-2-carboxaldehyde-diethylthioacetal of formula VI,

Formula VI

(b) reacting (2S)-N-[4-hydroxy-5-methoxy-2-nitrobenzoyl]-4-fluoro-2-carboxaldehyde diethylthioacetal of formula VI with a dibromoalkane in an aprotic water miscible organic solvent and in the presence of a mild inorganic base up to refluxing temperature and isolating 1,1'{[(alkane-1,N-diyl)dioxy}bis[(2-nitro-5-methoxy-1,4-phenylene)carbonyl]bis [4-fluoropyrrolidin-2-carboxaldehyde diethylthioacetal] of formula VII where n is 3-10

Formula VII

where n is 3-10;

(c) reducing the compound of formula VII with $SnCl_2$. $2H_2O$ in presence of organic solvent up to a reflux temperature and isolating 1,1'-{[(alkane-1,N-diyl)dioxy}bis[(2-amino-5-methoxy-1,4-phenylene)carbonyl]]bis [4-fluoro-pyrrolidin-2-carboxaldehyde diethylthioacetal]] of formula VIII where n is 3-10

Formula VIII

where n is 3-10; and

- (d) reacting the compound of formula VIII with a deprotecting agent to obtain bis 2-fluoro pyrrolo[2,1-c][1,4]benzodiazepines of formula IX wherein n is as stated defined above.
- 22. (Original) A process as claimed in claim 21 wherein the (2S)-N-[4-hydroxy-5-metho- xy-2-nitrobenzoyl]4-fluoro-2-carboxaldehyde diethylthioacetal of formula VI is reacted with a dibromoalkane in an aprotic water miscible organic solvent selected from the group consisting of acetone, acetonitrile and DMF and in the presence of a mild inorganic base selected from the group consisting of K₂CO₃, CsCO₃ and BaCO₃.
- 23. (Original) A process as claimed in claim 21 wherein step (b) is carried out for a period of about 48 hours.
- 24. (Original) A process as claimed in claim 21 wherein the reduction in step (c) is carried out in the presence of an organic solvent comprising methanol.
- 25. (Original) A process as claimed in claim 21 wherein the deprotecting agent comprises a combination of HgCl₂ and HgO in CH₃CN/H₂O.
- 26. (Currently amended) A pharmaceutical composition comprising a pharmaceutically effective amount of a compound of formula IX

where n is an integer from 3 to 10 and pharmaceutically acceptable additives.

27. (Currently amended) <u>Method</u> <u>A method</u> for the treatment of cancer <u>in a patient in need</u> thereof wherein the cancer is selected from the group consisting of leukemia, non-small cell, lung, colon, CNS, melanoma, ovarian, renal, prostate and breast in a patient suffering from the same, said method comprising administering to the patient a pharmaceutically effective amount of a compound of formula IX

wherein n is an integer of from 3 to 10.

- 28. (Original) A method as claimed in claim 27 wherein the patient is a mammal.
- 29. (Original) A method as claimed in claim 27 wherein the mammal is a human being.
- 30. (Cancel)
- 31. (Cancel)